

GIVAR5.001APC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pre Amended
DHAUGHTON
4-21-01

Applicant : E.I. Givargizov et al.
Appl. No. : Unknown
Filed : Herewith
For : STABILIZED AND
CONTROLLED ELECTRON
SOURCES, MATRIX
SYSTEMS OF THE
ELECTRON SOURCES, AND
METHOD FOR
PRODUCTION THEREOF
Examiner : Unknown

) Group Art Unit - Unknown

) I hereby certify that this correspondence and all
) marked attachments are being deposited with
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) mail in an envelope addressed to: Assistant
) Commissioner for Patents, Washington, D.C.
) 20231, on

October 30, 2000

(Date)

Adeel S. Akhtar, Reg. No. 41,394

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Applicants respectfully request entry of the amended claims attached herewith.

IN THE CLAIMS:

Please cancel Claims 1-50.

Please add the following Claims 51-93:

51. An electron source comprising:
- a substrate;
 - a field emitter, a body of the field emitter being a whisker epitaxial to the substrate;
 - a source of charge carriers supplying the field emitter; and
 - at least one ballast resistor configured as a barrier between different materials located in or proximate to the field emitter.